

National Aeronautics and Space Administration

**FINAL TECHNICAL REPORT
FOR NASA IUE GRANT NAG 5-1776**

Submitted by:

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Title of Research:

X-Ray Selected Cataclysmic Variables

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15 September 1991 - 14 September 1992

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One shift of US1 time was granted for this project. One spectrum was obtained, an SWP spectrum of the optical counterpart of H0928+50. A faint continuum and C IV emission were detected. The white dwarf surface temperature can be constrained somewhat by this data, but only within quite broad limits (15000 – 50000 K). Because the orbital period is long (10.04 hours), the upper limit might be of some interest, but it is a somewhat “soft” upper limit since it depends on assuming what the disk contribution is in this star.

The results are being written up in a paper which will present the X-ray identification of this star and give the binary ephemeris.